

TEXAS

Science and Engineering Profile

	Texas	U.S.	Rank		Texas	U.S.	Rank
Doctoral scientists, 1993	22,836	430,332	3	Total R&D performance, 1993 (millions)	\$6,966	\$161,427	8
Doctoral engineers, 1993	5,671	81,293	2	Industry R&D, 1993 (millions)	\$4,882	\$117,622	9
S&E doctorates awarded, 1995	1,708	26,482	3	Academic R&D, 1994 (millions)	\$1,466	\$20,573	3
of which, in engineering	27%	23%		of which, in life sciences	59%	55%	
in life sciences	25%	24%		in engineering	17%	16%	
in physical sciences	14%	14%		in physical sciences	9%	10%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	2,128	36,143	4	expenditures, 1993 (millions)	\$8,699	\$163,994	4
S&E graduate students, 1994				Number of SBIR awards, 1990-94	596	18,023	8
in doctorate-granting institutions	27,594	438,694	3	Patents issued to state residents, 1995	3,886	55,717	3
Population, 1995 (000s)	18,724	262,755	2	Gross state product, 1992 (billions)	\$416.9	\$5,994.1	3
Civilian labor force, 1995 (000s)	9,568	132,281	2	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$20,654	\$22,788	33	manufacturing, mining, construction	25%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures, 1995 (millions)	\$83,296	\$1,326,294	3	wholesale and retail trade	16%	16%	
R&D obligations, 1994 (millions)	\$3,658	\$65,654	5	finance, insurance, real estate	16%	18%	
				services	18%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Texas by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	3,658,329	564,827	332	2,282,216	635,598	166,564	8,792	5
Department of Agriculture	64,403	45,592	0	140	18,609	0	62	4
Department of Commerce	6,345	2,420	0	2,019	1,589	118	199	19
Department of Defense	1,429,954	143,903	332	1,086,625	87,888	111,206	0	8
Department of Energy	38,831	0	0	10,061	24,875	3,895	0	21
Dept. of Health & Human Services	438,983	78	0	6,933	394,714	34,480	2,778	6
Department of the Interior	7,569	6,608	0	392	464	105	0	22
Department of Transportation	10,347	225	0	3,849	1,630	42	4,601	14
Environmental Protection Agency	14,021	0	0	7,531	5,338	0	1,152	8
Nat'l Aeronautics & Space Admin.	1,575,589	366,001	0	1,163,303	29,916	16,369	0	2
National Science Foundation	72,287	0	0	1,363	70,575	349	0	7
State rank	5	8	18	3	5	6	5	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.